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Last update 6/29/2006



QUALIFIED PAVEMENT MARKING MATERIALS LIST

Materials from the companies listed herein are pre-qualified for use on Wisconsin Department of Transportation projects in accordance with all applicable specifications and/ or Policy Memoranda. These materials have been inspected, tested, or evaluated for use.

All materials used are subject to inspection and testing and possible rejection for use in accordance with the Standard Specifications. Some pre-qualified materials require submittal of Certified Report of Test and Analysis be provided for materials used.

The below listed materials are generally used in permanent highway traffic delineation applications. Solventborne and waterborne paints are also used for temporary pavement marking applications.

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EPOXY PAVEMENT MARKING MATERIALS, QUALIFIED PRODUCTS

NOTE: Only epoxy products from this list may be furnished to WisDOT projects
 For each contract the contractor must submit a certified report of test or analysis indicating
 the results of laboratory tests made on the epoxy material furnished for the work.
 The applicable manufacturer batch numbers are to be identified in the submittal.
 Date last edited: 6/28/2004

All yellow epoxy markings approved for use in Wisconsin are required to be lead free.

Manufacturer	Product Name/brand	Color
Poly-Carb, Inc. 33095 Bainbridge Road Cleveland, Ohio 44139	Slow set Mark-55A, B	White
	Slow set Mark-55A, B (Non-Lead)	Yellow
	Fast set Mark 55.3A, B	White
	Fast set Mark 55.3A, B (Non-Lead)	Yellow
Innovative Performance Systems (IPS) 102 Commerce Dr. Cuba, MO 65453	Slow set HPS-2	White
	Slow set HPS-2 (Non-Lead)	Yellow
Epoplex One Park Avenue Maple Shade, NJ 08052	Fast set LS50	White A
	Fast set LS50 (Non-Lead)	Yellow - LF A
	Slow set LS60	White A
	Slow set LS60 (Non-Lead)	Yellow - LF A
Sherwin-Williams 2325 Hollins Ferry Rd Baltimore, Maryland 21230	Slow Cure BP 16427 [PMM(99WI)-130]*	White
	Lead Free- Slow Cure BP 16429 [PMM(99WI)-132]*	Yellow
	Fast Cure TM-8212	White
	Lead Free - Fast Cure TM-8215	Yellow

*[PMM(99WI)-13X] = AASHTO National Transportation Product Evaluation Program(NTPEP)"Report 00, Number 214" line number provided for information only.

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Flexible Delineator Posts

Flexible Delineator Posts

Date last edited: 6/9/2003

<u>Product Name</u>	<u>Manufacturer</u>	<u>Date Approved</u>
Model SH248GP3 - WS (white)	Safe - Hit	1/1/2003
Model SH248GP3 - YA (yellow)	Hayward, CA	1/1/2003
Model FG-566-PA -W1 (white)	Davidson Plastics	1/1/2003
Model FG-566-PA -Y1 (yellow)	Tacoma, WA	1/1/2003
Survivor Post Model CDS306601 (white)	Carsonite International	1/1/2003
Survivor Post Model CDS306602 (yellow)	Early Branch , SC	1/1/2003
Curv-Flex, Model CFR406601 (white)	Carsonite International	1/1/2003
Curv-Flex, Model CFR406602 (yellow)	Early Branch , SC	1/1/2003

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Pavement Marking Grooved Wet Reflective Tape

Date: 5/1/2006

<u>Product Name/brand</u>	<u>Color</u>	<u>Manufacturer</u>
Stamark Wet Reflective Pavement Marking Tape, Series 750	White	3M- Traffic Materials Division 3M Center, Building 225-55-08
Stamark Wet Reflective Pavement Marking Tape, Series 751	Yellow	P.O. Box 33225 St. Paul, MN 55133-3255
High Performance Wet Reflective Tape 380WR		http://www.3m.com/tcm

Adhesive

3M Brand P-50

Training

3M Traffic Control Materials Division
1-800-553-1380

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Rules to follow for the 2006 Construction Season:

When Series 380WR is used on a project for lane lines, eliminate the 2 foot segment of 750 Series Wet Reflective Tape.

When a project has sprayed marked lane lines, try to use Series 380WR instead of 750 Wet Reflective Tape for the 2 foot segment

Continue use of Series 750 and 751 for temporary marking

Pavement Marking Grooved High Performance Contrast Tape and Pavement Marking Grooved RP(Raised Patterned) Pre-Cut Contrast Special Marking Tape

Date edited: 4/4/2006

Product

STAMARK Pliant Polymer Patterned Pavement Marking Tape
Series 380I-5ES or High Performance Wet Reflective Tape
380-5WR

Company

3M Traffic Control Materials Division
3M Center, Building 225-5S-08
P. O. Box 33225
St. Paul, MN 55133-3225
www.3m.com/tcm

Adhesive

3M Brand P-50

Training

3M Traffic Control Materials Division
1-800-553-1380

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Rules to follow for the 2006 Construction Season:

When Series 380-5WR is used on a project for lane lines, eliminate the 2 foot segment of 750 Series Wet Reflective Tape.

When a project has sprayed markings for lane lines, try to use Series 380-5WR instead of 750 Wet Reflective Tape for the 2 foot segment

Do not combine 380I-5ES and 380-5WR tapes on a project.

Pavement Marking Grooved Raised Patterned Tape and Pavement Marking Grooved RP (Raised Patterned) - Pre-Cut Special Marking Tape

Date edited: 4/4/06

Product

STAMARK Pliant Polymer Patterned Pavement Marking Tape
Series 380I-ES or High Performance Wet Reflective Tape
380WR

Manufacturer

3M Traffic Control Materials Division
3M Center, Building 225-5S-08
P. O. Box 33225
St. Paul, MN 55133-3225
www.3m.com/tcm

Adhesive

3M Brand P-50

Training

3M Traffic Control Materials Division
1-800-553-1380

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**When Series 380WR is used on a project for lane lines,
eliminate the 2 foot segment of 750 Series Wet
Reflective Tape.**

**When a project has sprayed markings for lane lines,
try to use Series 380WR instead of 750 Wet Reflective
Tape for the 2 foot segment**

Do not combine 380I-ES and 380WR tapes on a project.

Pavement Marking High Performance Contrast Tape and Pavement Marking RP (Raised Patterned) Pre-Cut Contrast Special Marking Tape

Date edited:4/4/2006

Product

STAMARK Pliant Polymer Patterned Pavement Marking Tape
Series 380I-5ES or High Performance Wet Reflective Tape
380-5WR

Company

3M Traffic Control Materials Division
3M Center, Building 225-5S-08
P. O. Box 33225
St. Paul, MN 55133-3225
www.3m.com/tcm

Adhesive

3M Brand P-50

Training

3M Traffic Control Materials Division
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Rules to follow for the 2006 Construction Season:

When Series 380-5WR is used on a project for lane lines, eliminate the 2 foot segment of 750 Series Wet Reflective Tape.

When a project has sprayed markings for lane lines, try to use Series 380-5WR instead of 750 Wet Reflective Tape for the 2 foot segment

Do not combine 380I-5ES and 380-5WR tapes on a project.

Pavement Marking Raised Patterned Tape and Pavement Marking RP (Raised Patterned) - Pre-Cut Special Marking Tape

Date edited: 4/4/2006

Product

STAMARK Pliant Polymer Patterned Pavement Marking Tape
Series 380I-ES or High Performance Wet Reflective Tape
380WR

Company

3M Traffic Control Materials Division
3M Center, Building 225-5S-08
P. O. Box 33225
St. Paul, MN 55133-3225
www.3m.com/tcm

Adhesive

3M Brand P-50

Training

3M Traffic Control Materials Division
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Rules to follow for the 2006 Construction Season:

When Series 380WR is used on a project for lane lines,
eliminate the 2 foot segment of 750 Series Wet
Reflective Tape.

When a project has sprayed markings for lane lines,
try to use Series 380WR instead of 750 Wet Reflective
Tape for the 2 foot segment

Do not combine 380I-ES and 380WR tapes on a project.

Pavement Marking Grooved Polyurea

Date: 5/2/2006

<u>Product Name/brand</u>	<u>Product Code</u>	<u>Color</u>	<u>Manufacturer</u>
Epoplex LS90	9190A9	White	Epoplex, A Division of Stoncor Group, Inc. One Park Avenue
Epoplex LS90 LF	9195A9 Lead Free	Yellow	Maple Shade, NJ 08052

Application

Grooved/Inlaid Double Drop Beads

<http://www.epoplex.com>

Training

Michael Mourad, Great Lakes Sales Manager
330-686-6880

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Pavement Marking Polyurea

Date: 5/2/2006

<u>Product Name/brand</u>	<u>Product Code</u>	<u>Color</u>	<u>Manufacturer</u>
Epoplex LS90	9190A9	White	Epoplex, A Division of Stoncor Group, Inc. One Park Avenue Maple Shade, NJ 08052
Epoplex LS90 LF	9195A9	Lead Free Yellow	

Application

Surface applied Single drop Beads

<http://www.epoplex.com>

Training

Michael Mourad, Great Lakes Sales Manager
330-686-6880

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Preformed Thermoplastic Marking Materials

Date: 12-28-2004

<u>Manufacturer</u>	<u>Product Name/brand</u>
Ennis Paint, Inc 3550 Agricultural Center Dr. St. Augustine, FL 32092	Flametape
Zumar Industries P.O. Box 44549 Tacoma, WA 98444	HotTape
Flint Trading 115 Todd Court Thomasville, NC 27360	Premark Plus

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RAISED PAVEMENT MARKER CASTINGS

Date last edited: 6/29/2006

<u>Manufacturer</u>	<u>Product Name/model</u>	<u>Dimensions(inches)</u>
Ennis Paints, Inc. ⁽¹⁾ Stimsonite Division 6565 W. Howard St. Niles, IL 60714 Phone: 847-647-4814 Fax:847-647-5922 www.ennispaint.com	Permanent: Model 94(Plow One Direction)	10L x 5.5W x1.81H
	Permanent: Model 101LP(Plow Two Directions)	10L x 5.5W x1.76H
	Permanent: Model 101LPCR(Plow Two Directions)	10L x 5.5W x1.76H
Hallen Products Gurnee, IL	Ironstar Model 664 Low Profile	7.75L x 5.86W x1.34H
	Model H1010 Low Profile	10.03L x 5.5W x 1.75H
Nightline Markers Schaumburg, IL	Nightline B-250	10L x 5.6W x1.75H
Ray-O-Lite Heath, Ohio	Ray-O-Lite Model 300 Snow-Lite	7.88L x 6W x 1.5H

(1) Formerly Avery Denison(Amerace Stimsonite)

NOTE: Approved reflectors for use on the above castings are listed on the Raised Pavement Marker Reflector list

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RAISED PAVEMENT MARKER REFLECTORS

Date last edited: 6/29/2006

Manufacturer	Product Name/model	Dimensions(inches)	Remarks
Ennis Paints, Inc. ⁽¹⁾	940 (98 casting)	3.95L x 1.616W x0.41H	Marked Stimsonite on reflector
Stimsonite Division	944 (96 & 101 casting, Ironstar, Nightline B-250)	3.96L x 1.91W x0.4H	Marked Stimsonite on reflector
6565 W. Howard St.	944 (Model H1010 casting- low profile)	3.96L x 1.91W x0.4H	Marked Stimsonite on reflector
Niles, IL 60714	944 (Ray-O-Lite Model Snow-Lite casting)	3.96L x 1.91W x0.4H	Marked Stimsonite on reflector
Phone: 847-647-4814	941 (94 Stimsonite casting)	3.88L x 0.95W x0.3H	
Fax:847-647-5922			
www.ennispaint.com			
3M	190 (96& 101 Stimsonite casting, Ironstar, Nightline B-250)	3.95L x 1.9W x0.43H	Marked 3M on reflector
St. Paul , MN	190 (Model H1010 casting- low profile)	3.95L x 1.9W x0.43H	Marked 3M on reflector
	190 (Ray-O-Lite Model Snow-Lite casting)	3.95L x 1.9W x0.43H	Marked 3M on reflector
	194 (94 Stimsonite casting)	3.9L x 0.845W x0.22H	Marked 3M on reflector
	198 (98 Stimsonite casting)	3.95L x 1.65W x0.43H	
Ray-O-Lite	2004 (96& 101 Stimsonite casting, Ironstar, Nightline B-250)	4L X 1.9W x 0.45H	Marked Ray-O-Lite on reflector
Heath, OH	2004 (Model H1010 casting- low profile)	4L X 1.9W x 0.45H	Marked Ray-O-Lite on reflector
	2004 (Ray-O-Lite Model Snow-Lite casting)	4L X 1.9W x 0.45H	Marked Ray-O-Lite on reflector

(1) Formerly Avery Denison(Amerace Stimsonite)

NOTE: Approved castings for use with above noted reflectors are listed on the Raised Pavement Marker Casting list.

Reflector models and dimensions are specific to the casting models as listed above.

Replacement reflectors for refurbished units must be properly matched to the castings. Use only adhesives approved by the manufacturer.

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SOLVENTBORNE PAINT

Date last edited: 04/01/2005

Only approved pavement marking products selected from the below list may be used. The list is established from the current Traffic Paint Performance Test done by the Bureau of Highway Operations. A sample of the product may be required by the engineer before use in order to verify the product is manufactured within the range of values listed below. The paint number shown on the list is a product number. This number must be marked on product containers and shipping documents. Refer to the Standard Specifications, section 646.2.2.

Company: Ennis Paint, Inc*

<u>Color</u>	<u>Paint number</u>	<u>PMM#</u>
White	991018	32
Lead Free Yellow	991019	33

991018 Acetone exempt solvent(VOC compliant) used by District 2 (Special Marking)

* Formerly LaFarge - Centerline Industries, Inc.

Material is VOC compliant solvent based using acetone.

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WATERBORNE PAINT**Date last edited: 10-5-2005**

Only approved pavement marking products selected from the below list may be used. The list is established from the current Traffic Paint Performance Test done by the Bureau of Highway Operations. A sample of the product may be required by the engineer before use in order to verify the product is manufactured within the range of values listed below. The paint number shown on the list is a product number. This number must be marked on product containers and shipping documents. Refer to the Standard Specifications, section 646.2.2.

<u>Company</u>	<u>Color</u>	<u>Paint Number</u>	<u>Manufacture Number</u>
Diamond -Vogel	White	VLX 12450-01	
Diamond -Vogel	Yellow	VLX 12449-01	
*Ennis Paint	White	EP 301 W3	
Ennis Paint	Yellow	EP 301 Y3	
Ennis Paint	White	LRM99 -106	
Ennis Paint	Yellow	LRM99 -111	
**Sherwin Williams - Baltimore	White	BP 16442 (Durable Hi-Build)	
Sherwin Williams - Baltimore	White	BP 16410	
Sherwin Williams - Baltimore	White	BP 16434	
Sherwin Williams - Baltimore	White	BP 16435 ⁽¹⁾	TM 2326
Sherwin Williams - Baltimore	Yellow	BP 16443 (Durable Hi- Build)	
Sherwin Williams - Baltimore	Yellow	BP 16436 ⁽¹⁾	TM 2277
Sherwin Williams - Baltimore	Yellow	BP 16441	
Sherwin Williams - Baltimore	Yellow	BP 16431	

*Formerly LaFarge- Centerline Industries

** Sherwin Williams has purchased Baltimore and is phasing out the Baltimore product name.

(1) Denotes products under contract #405088

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